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The Indian Poultry Gazette.

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FROM THE EDITOR'S CHAIR.

In commencing this, our second year of office we start off a little surer of our weaknesses and of our numerous reader requirements.

The All India is now a thing of the past for one more year and many of us left it a little wiser, some a little sadder and some elated at their success.

To Messrs. Benjamin and S. M. Bose we offer our congratulations on the excellent wins they registered with their birds though seeing the tremendous advance in quality and general excellence we think we are voicing the opinion of the majority when we say we think they were just a trifle lucky in beating some of the exhibits we saw penned there.

A full report of the class and special winners will be found elsewhere in this issue and though at the time of going to press we have not received the judges reports for publication we shall be given these in the next month's issue.

At the Annual General meeting which took place on Sunday 13th December on the show ground, as was anticipated, to the great satisfaction of all present Mr. Mark Leslie, our previous Vice-President was unanimously elected President for the coming year and we take this opportunity of expressing the opinion that Mr. Mark Leslie by his unfailing enthusiasm and welfare of the Indian Poultry Club at heart as he has so often shown, will steer the Club to further success during his term as our President.

Our New Vice-President, His Highness The Maharajah of Pithapuram and Mr. A. E. Slater are also well known to most of us. His Highness and His very enthusiastic son the Yuvarajah have done an enormuos amount for the Industry and as for Mr. Slater who as most of know is head of that very well-known poultry establishment, the Etah-Mission Farm and whose produce to say nothing of his services to the Club at one time Editor of this paper, at numerous of our shows a judge, whom all respect as the soundest judge India possesses needs also little introduction on our part.

Readers will find in the Allahabad show notification that an alteration in the closing date of entries has been made and the 12th January is now the date of closing. Intending exhibitors are asked to please send in their entries as early as possible as to leave it late adds very greatly to the burden of the poor over-worked Show Secretary.

With Mr. Sherrard Smith at the head of affairs we are assured of a real treat in provincial shows and it is up to the Club to support him with entries. A letter from him will be found on the page reserved for Letters to the Editor.

A slight alteration has been made in the Secretarial duties of the Club and readers are informed that in future correspondence they should write Mrs. A. O. Foden.

The subscription to the Gazette has also been slightly increased from January and to cover the increased cost of postage and production the yearly subscription will now be Rs. 5-8-0. We feel sure readers will agree with us that the Gazette in its increased size is worth the added amount and greater developments in India's only poultry paper are expected as subscribers increase.

From 15th January we hope to be able to despatch copies of the Poultry World Annual and intending purchasers should order their copies quickly as last year we had to disappoint many subscribers owing to selling out our allotted supplies early.

We wish all our readers a Happy New Year and trust that 1932 will be a record year in the poultry yard and no sickness.

Allahabad is drawing near and though we shall not be there in person we shall certainly be there in spirit.

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Chashara,
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NO MINORCA FANCIER SHOULD MISS THIS BOOK.

'*From*—**The Hon. Editor,**
INDIAN POULTRY GAZETTE,
NARAYANGUNGE, E. B.

NEGLECTED ASPECTS OF MODERN POULTRY KEEPING.

How is that while some can make the keeping of poultry profitable, there are many who give it up in despair after a few years? The problem has exercised many minds and will certainly continue to do so, but there are some aspects of the matter which do not receive always sufficient, or any, of the attention they deserve.

It may be profitable to set out the essential conditions of success, as the writer conceives them, though they are not necessarily placed in the order of their importance :

1. Strain—2. Inherited tendency for winter eggs—3. Housing—4. Feeding.

With regard to strain, it is obvious that the "best is good enough" and it is certainly cheaper to start right with a few good birds than to buy a quantity of an inferior strain; this sounds almost a platitude, but how often is one tempted to ignore it for the sake of a bargain?

The difficulty always lies in having to trust the breeder, but, after all, there are ways and means of finding out a breeder's reputation and there are many who can be trusted absolutely to supply birds which will correspond more or less with the prices charged for them.

Winter Eggs Important.

A very much neglected aspect of poultry keeping is the matter of the inherited tendency of birds to lay winter eggs.

It must be remembered that the period between *October and December being the unnatural time for* avian reproduction (although there have probably at all times been some winter layers in all breeds), eggs at this period are derived from what may be called a cultivated attribute, and special means must be taken to find and breed from birds which can and do lay at this period.

For people not engaged in commercial poultry farming the trap-nest, which is the surest way of spotting the winners, cannot be adopted, because its use necessitates constant attendance, but they can, on the other hand, have their pullets culled by an expert and save themselves any loss, to say nothing of the labour and disappointment of rearing the "duds."

It has been estimated that the large poultry farms cull at least 33-1-3 per cent. of their pullet crop.

Amateur poultry keepers are inclined to think, because they have a strain of winter layers, and hatch their chicks at the right time, and feed them correctly, that they will necessarily get winter eggs from the whole of their pullet crop.

This is far from being the case, for in every hundred pullets raised under ordinary conditions there are always enough wrong 'uns to go a long way towards eating into the profit made by the remainder!

Many will probably never lay an egg at all, *being* wrongly or imperfectly constructed for the job; many there will be that, while being rightly formed, will only lay eggs in spring and early summer, when they are at their cheapest, and between these extremes there are many variations in birds which will affect the number and size of the eggs they produce.

Handling and the Trap-nest.

Handling, or as it is sometimes called after the American farmer, who reduced it to a science—*Hoganism—should be understood and* practised by even the smallest poultry keepers. There can be no doubt that neglect of this aspect has caused much loss in poultry keeping.

To sum up, therefore, tap-nest first, last and all the time; learn and use the art of handling, in conjunction with the trap-nest, if possible, but, at the least, cull your pullets once or twice a year, seeking professional aid if you know nothing about it.

It can be said that the trap nest confirms the knowledge acquired in handling a bird according to Hogan's measurements; that is to say, a bird that handles well will, other things being equal, in nine cases out of ten, lay well at the right time of the year. *And conversely a bird that trap-nests well will* almost invariably be found to satisfy Hogan's measurements. These two aids together form the backbone of commercial practice as far as breeding is concerned and no business can possibly be built up that neglects them.

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Redditch, England.

With regard to the housing aspect. There are certain quite modern aids to the poultry keeper which as yet are not so well-known as they deserve. The slatted floor house so arranged that every service—feeding, watering, trapping, cleaning, collection of eggs and pop holes—can be managed from one side without entering the run or the house, is one of the greatest steps forward for many years.

Houses may now be arranged on every side of a central gangway, and one man can attend to every requirement of 1,000 birds in under one hour. What this means to the one-man poultry keeper, he alone knows. There are many other considerations in favour of these houses, too numerous to mention in a short article, not the least being the freedom from perches, red mite and litter.

As to feeding, the poultry keeper now-a-days has only himself to blame if he is trying to get eggs from an unbalanced or unthrifty ration, but there is a modern aspect even in this respect and it lies in the necessity for a mineral addition to the food.

Here again care should be taken that a complete mineral mixture is used and not one merely consisting of limestone, bone flour and a suspicion of iodine.

Mineral feeding has at last captured the popular imagination, after many years of patient work by those responsible for its introduction, and many mineral mixtures have been placed on the market as a consequence.

THE PARTNER.

When one goes in for the gentle Hen one wants one's wits about one, and that in unsuspected ways too, for nearly always there is the Partner, when I speak of a Partner I do not mean a paid Partner in a regular business, from whom after the days work is done you can get away, and casting this Partner from your mind be free, if it be, but for a short season; or a sleeping Partner, who if there be a profit takes it and keeps on sleeping, and whom you don't mind being perfectly truthful with. That is not the kind I mean, but the one with whom it is always for best to be on the right side of. Be she sister, daughter or Better Half.

Hens in themselves are none too easy to manage they want a bit of humouring and care, and one feels that one is the right man to give that, and that if they have to be brought up, led up, or dragged up, you are the man to do it.

It is mostly with the *Partner on the premises* that things go wrong and the jams occur.

When things go wrong with the hens you can be up and doing, and the brain,—cudgeling and toil combined,—help to alleviate the pain of your birds' misbehaviour ; be it their going sick, not breeding true to type, or laying no eggs, though eating all the food you give them.

At the least you can tell them exactly what you think of them, and though they may not understand the words addressed to them, at least, they can guess their import from the threatening gestures that always accompany winged words.

Its often difficult to convince the partner that whatsoever you do is done for the best ; you purchase some expensive utility fowls, and are rejoiced that now you will have eggs for the table with some over for the friends, and then your birds *don't* lay, you in the innocent pride of your heart have bragged about the laying powers of your purchase, and when the Partner asks why there are no eggs you cannot answer or any answer you may make is received with a sniff.

Your highly thought of birds do not win a prize at the show, though you have toiled long and sorely with them, and all your explanations of their non-success are received with the pitying smile that is reserved for foolish children and such like.

Your fowls break loose and plough up the flower beds of the front garden, or do some of the demonic things that only fowls could think to do, and then its not smiles, sarcastic or otherwise you receive, but words of wisdom driven home with many illustrations of your feeble mindedness.

All the above are painful, very very painful, but they can be forgotten like most other things in life, but when the Partner having talked with Mrs. Down the Road, and with Mr. Up the Road and amerged the full blown and fully instructed instructor on fowls, and insists on directing operations, then the collar really galls.

The people around know the Leghorn from a duck, for one has a broad beak, and but little more, yet are quite competent to instruct the world.

Instructed now the Partner insists on taking a full share in your poultry rearing, and having things done just like this. Mind you this interference is always for your good ; and the interfering Partner may and often is the best hearted being in all the world, but she does not just understand, and many are the differences of opinion.

Where to put fowl houses, where and what size the runs should be, when and how to feed, how to tend chickens and a thousand thousand other things. Instance, what you know to be a weed of a bird, untrue to type, weakly, mismarked, and altogether unsuitable for your yard, may seem to your Partner quite a beauty and certainly should be kept, and—there you are again. They are wise words that "Prophets are without honour in their own country," and its as true than many poultry keepers may be scientists to outsiders and yet be considered within their own bungalow fence but feeble minded folk, if not slightly given to harbouring bats in the belfrey. Where any outsider to even hint at such a thing nothing but the effusion of blood could heal the scar, but when its the Partner that casts the aspersion nothing can be done about it, just flat nothing.

I offer no advice, none but a lunatic would, for no two people are alike, I but sing the woes of the poultry keeper, that those who are without the pale may know the trials and tribulations that beset him and may learn to value and look up to him as one to whom no statue will ever be erected, though he is as true a martyr as those who have many statues and whose names are write in letters of gold upon enduring brass or granitestone.

If you have a Partner who can and does take an intelligent helpful interest in your hobby and yet lets it remain your hobby, be thankful, be more than thankful, for such a Partner is a jewel far "far above *the price of all rubies*".

The following have been elected members of the Indian poultry Club during December.

Life Members.

H. H. The *Yuvaraja of Pithapuram.*
J. N. Ghose, Star Printing Works, Calcutta.
Duncan Terry, Esq. Army Head-quarters, Simla.

Ordinary Members.

S. Mahboob Elahi, Esq., Mahboob Hotel, Delhi.
M. Subhan, Esq., Subhan Munzil, Arrah, East. *Indian Railway.*
M. Querishi, Esq., Jacobabad, U. S. F.
B. *Faroghi, Esq., Darul Balagh Multani St.*, Lahore.
J. Williams, Esq., 2420, East St., Poona.
Majid Khan, Painter, Royal P. F., Gorakhpur.
L. Gotting, Esq., Block 239, Bhusawal.
F. W. Gribble, Esq., Willows Cottage, Simla.

All-India Exhibition Results.

Her Excellency Lady Jackson attended the show on Saturday 12th December and distributed the prizes to the winners.

Mr. Mark Leslie, the Vice President in making a speech at the prize distribution appealed to people to take up poultrykeeping as was done in the West and assured the general public there was a ready market for all their produce if only they would take up the industry in earnest.

The vice President also drew attention to the greatly improved quality of the exhibits in the show and pointed out that it was by encouraging such exhibitions that helped to keep enthusiasm alive and improved the quality of poultry bred and kept in India. He thanked the various Governments for their financial help which, he said was the means of making this show possible.

Unfortunately the "Statesman" considerably damaged the takings of the show by misinforming the public that the show concluded on Saturday whereas it was open to the public on Sunday which is also the biggest day for visitors and it is on this day the Club depends for its heaviest 'gate' which is very important when funds are taken into consideration.

The following are the complete list of awards and the judges were Messrs. Hansen, Clarinbould and Nural Islam.

Ancona.—Cock or Cockerel—S. K. Shamshad Ali, 1; Hen Pullet—Shamshad Ali, 1 and 2.

Australorp.—Cock—K. Aitkins, 1; W. J. A. Morrow, 2; Cockerel—Mrs. R. Grain, 1, 2; and V. H. C., U. P. P. A., V. H. C. Hen—W. J. A. Morrow, 1; Pullet—1 and 3; Mrs. R. Grain, U. P. P. A., 2.

White Leghorn.—Cock—Mohallah Askar Gang, 1; Cockerel—Yuvaraja of Pithapuram, 1; U.P.P. A. 2; Capt. S. R. Carroll, 3; Mrs. Percy Lancaster, V. H. C.; Hen—Mrs. Percy Lancaster, 1, A. O. Foden, 2; U. P. P. A., 3; Mohallah Askar Gang, C. S. Powell, V. H. C. and W. J. A. Morrow, V. H. C.; Pullet—U. P. P. A., 1; Capt. Carroll, 2; Mrs. Lancaster, 3; C. S. Powell, V. H. C.

Minorca.—Cock or Cockerel—W. E. J. Yule, 1; Yuvaraja of Pithapuram, 2; Hen or Pullet—Capt. Carroll, 1 and 2; Yuvaraja of Pithapuram, V. H. C.

Orpington.—Hen or Pullet—U. P. P. A., V. H. C.

Plymouth Rock.—Cock or Cockerel—P. J. Rockwood, 1 and 2.

Rhode Island Red.—Cock—U. P. P. A., V. H. C.; Cockerel—Capt. Carroll, 1; K. Aitkins, 2; S. K. Shamshad Ali, 3; Yuvaraja of Pithapuram, and Capt. Carroll, V. H. C., U. P. P. A., H. C.; Hen—J. H. Luke, 1 and 2; Pullet—S. M. Bose, 1; Yuvaraja of Pithapuram, 2; Capt. Carroll, 3; and V. H. C.; J. H. Luke, and S. M. Bose, V. H. C.; S. K. *Shamshad Ali, E. H. Sabbage, and* K. Aitkins, H. C.

Light Sussex.—*Cockerel—Capt. Carroll,* 1; U. P. P. A., 2; Hen—U. P. P. A., 1; Pullet—Capt. Carroll, 1; U. P. P. A., 2.

Wyandotte.—Cock or Cockerel—S. K. Shamshad Ali, 1; Capt. Carroll, 2; Hen or Pullet—Capt. Carroll, 1 and 2.

Bantam A. V.—Cock or Cockerel—K. Aitkins, 1; *Sir David Ezra, 2; Hen or Pullet—K. Aitkins, 1.*

Cross Breed.—Hen or Pullet—K. Aitkins, 1; S. M. Bose, 2 and 3.

Ducks.—Khaki Camphell—K. Aitkins, 1; Indian Runner Drake—A. O. Foden, 1; Indian Runner Duck—A. O. Foden, 1, 2 and 3; A. O. V. Drake—Sir David Ezra, 1 and 2.

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Crate and Freight extra at cost.

SATISFACTION GUARANTEED.

A. E. SLATER, *Manager.*

Turkey.—J. J. de Valois, 1.

Goose.—Sir David Ezra, 1.

Pigeon.—S. M. Bose, 1; S. K. Kundu, 2 and 3; S. M. Bose, V. H. C. and H. C.

Asils (Large).—Cock or Cockerel—C. Benjamin, 1; Hen or Pullet—C. Benjamin, 1.

Asils (Medium).—Cock or Cockerel—C. Benjamin, 1, 2 and 3; F. A. St. Martin, and M. A. K. Mushtaq, V. H. C.; K. Aitkins, and R. F. Hannah, H. C.; Hen or Pullet—C. Bsnjamin, 1; B. O. Lloyd, 2; R. F. Hannah, 3.

Asils (Small).—Cock or Cockerel—C. Benjamin, 1 and 2; K. A. Aitkins, 3; Hen or Pullet—C. Benjamin, 1 and 2; M. A. K. Mushtaq, 3.

Asils (Breeding Pair).—C. Benjamin, 1.

Chittagong.—Cock or Cockerel—N. L. Panday, 1 and 2; Hen or Pullet—N. L. Panday, 1; Mrs. N. L. Panday, 3; Arati Panday, 2.

Servants Class.—Cock or Cockerel—Abdul Rahaman, 1; Hen or Pullet—Abdul Rahaman, 1 and 2;

Selling Class.—Cock or Cokerel, valued at Rs. 30—Mission Poultry Farm, Etah, 1 and 2; W. J. A. Morrow, 3 and V. H. C.; Mrs. R. Grain, H. C.; Hen or Pullet—Mission Poultry Farm, Etah, 1, 2, 3, V. H. C. and H. C.; Cock or Cockerel, valued at Rs. 15—W. T. A. Morrow, 1 and 3; Mrs. R. Grain, 2 and V. H. C.; Breeding Trios, valued at Rs. 60—Mission Poultry Farm, Eath, 1 and 3, V. H. C. and H. C.; U. P. P. A., 2.

CHALLENGE CUPS.

(Open to members of the Indian Poultry Club.)

U. P. P. A. Challenge Cup for the best bird bred in India and reared by the exhibitor—Mr. C. Benjamin.

Norowjee Challenge Cup for the best bird imported—Mr. S. M. Bose.

Overseas Challenge Cup for the best bird imported opposite sex to the winner of the Norowjee Cup—Capt. S. R. Carroll.

Harrington Challenge Cup for the best Leghorn—Yuvarajah of Pithapuram.

Tosh Challenge Cup for the best R. I. Red Pullet—Mr. S. M. Bose.

Yule Challenge Cup for the best Australorp—Mr. K. Aitkins.

Lady David Ezra Challenge Cup for the best *Minorca—Capt. S. R. Carroll.*

Utility Challenge Cup for the best utility bird bred in India—Mr. K. Aitkins.

Lytton Challenge Cup for the best bird from Bengal—Mr. S. M. Bose.

Sir Stanley Jackson Challenge Cup for the best bird from Bengal opposite sex to winner of the Lytton Challenge Cup—Mr. W. E. J. Yule.

Leslie Challenge Cup for the best bird bred in Bengal—Mr. A. O. Foden.

Goschen Challenge Cup for the best bird from Madras Presidency—Yuvarajah of Pithapuram.

Jaipur Challenge Cup for the best British breeding trio—Mrs. P. Lancaster.

OPEN CHALLENGE CUPS.

The Viceroy's Cup, for the best bird in the exhibition (to be own outright)—Mr. C. Benjamin.

Sahaspur Bilari Challenge Cup for the best bird, opposite sex to winner of Viceroy's Cup—Mr. S. M. Bose.

Moradabad Challenge Cup for the best Light Sussex—Capt. S. R. Carroll.

Maharajah Sir Kishen Prosad Challenge Cup for the best Asil—Mr. C. Benjamin.

Pithapuram Challenge Cup for the best Chittagong—Mr. N. L. Panday.

Suket Challenge Cup for the best put down bird—Yuvarajah of Pithapuram.

Lacey Challenge Cup for the best bird exhibited by a railwayman British birds only—Mr. K. Aitkins.

Lady Jackson Challenge Cup for the best crossbred hen or pullet. Cross of a recognized British Poultry. Club standard male to desi female—Mr. R. Aitkins.

OPEN SPECIAL PRIZES.

(1) Best bird bred in India (Light Breed)—Mr. K. Benjamin.

(2) Best bird bred in India (Light Breed) (Runner up to No. 1)—Mr. C Benjamin.

(3) Best bird bred in India (Heavy Breed)—Mr. S. M. Bose.

(4) Best bird bred in India (Heavy Breed) (Runner up to No. 3)—Capt. S. R. Carroll.

(5) Best bird Imported by an amateur—Capt. S. R. Carroll.

(6) Best bird Imported by an amateur (Runner up to No. 5)—Mr. S. M. Bose.

(7) Best bird exhibited by a novice—Mr. S. K. Shamshad Ali.

(8) Best bird exhibited by a child—Master J. Vertannes.

(9) Best bird exhibited by a servant—Abdul Rahaman.

(10) Best breeding trio (Light Breed)—Mrs. P. Lancaster.

(11) Best Breeding trio (Heavy Breed)—Mrs. R. Grain.

(12) Best drake or duck—of a standardized breed—Mr. A. O. Foden,

(13) Best exhibit of A. O. V. Ducks, turkey or goose—Mr. J. J. de Valois.

(14) Best collection of eggs—Mr. A. O. Foden.

(15) Best collection of eggs (Runner up to No. 14)—U. P. P. A.

(16) Best exhibit in selling Class—Mission Poultry Farm, Etah.

(17) Best pigeon any variety—Mr. S. N. Bose.

(18) Best pigeon, any variety (Runner up to No. 17)—Mr. S. K. Kundu.

(19) Best bantam—Mr. K. Aitkins.

THE

BOOK OF THE YEAR

"INDIAN POULTRY CULTURE"

(Copy Right)

BY

Capt. A. O. FODEN, B.S.B.C., B.P.C.,

Hon. Editor: INDIAN POULTRY GAZETTE.

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OR FROM { ROSS POULTRY APPLIANCES, IGATPURI. / THE Hon. EDITOR—I. P. GAZETTE.

(20) Best Asil—Mr. C. Benjamin.

(21) Best Asil (Runner up to No. 20)—Mr. C. Benjamin.

(22) Best cross-bred (Runner up to winner of Lady Jackson Challange Cup)—Mr. S. M. Bose.

(23) Special prize presented by the Great Eastern Stores, Calcutta—Mr. B. J. Rockwood.

(24) Special prize presented by cooke and Kelvey, Calcutta—Capt. S. R. Carroll.

(25) Special prize for the best bird reared in India direct from "Sperrin" Poultry Farm Stock—Capt. S. R. Carroll.

RHODE ISLAND RED CLUB (INDIA) AWARDS.

President's Challenge Cup for best R. I. Red owned by a member of the R. I. R. Club—Capt. S. R. Carroll.

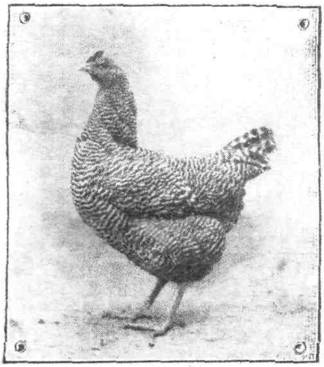
Brave Challenge Cup for best R. I. R. imported open to members and non-members—Mr. S. M. Bose.

Fund Challenge Cup for best R. I. R. bred in India, open to members and non-members—Yuvrajah of Pithapuram.

Slater "Shape" Challenge Cup for best shaped R. I. R. Open to members and non-members—Mr. S. M. Bose.

THE ASIL CLUB (INDIA) AWARD.

The Asil Club Challenge Cup for the best Asil, opposite sex to winner of the Maharajah Sir Kishen Prosad Challenge Cup—Mr. C. Benjamin.



BARRED ROCK PULLET.

HANDLING THE BROODY.

Hens of a sitting breed rarely disappoint their owners, if properly managed. If a hen forsakes her eggs, or "stands up," as it is called, it is nearly always the fault of the attendant, and not that of the hen.

Observation, patience, and gentleness are necessary qualifications in dealing with broodies. No bird answers more certainly to firm, but gentle, handling. But, alas! does she always get it? For example, how often is she not dragged off her nest by one or both wings, trailing her legs helplessly behind her, returned to her nest before she has relieved herself, as Nature provides she must do, when broody, once in twenty-four hours; made to suffer misery day after day from pestering insects, because she is, denied access to a dust-bath—no grit, no green food, or variety offered her during all the three weeks of her patient vigil.

When a hen steals her nest, she can provide all these necessaries for herself—are they less necessary to her when "artificially" set? To select a broody hen, visit the nests where the birds usually lay late in the evening, choose the hen that, when gently stroked, only cuddles down closer to the nest, crooning the while.

To carry her, grasp her firmly with the left hand by both legs, and rest her body, breast downwards, *along the arm. Stroke her. Stroking hens whilst* firmly held goes a long way towards taming them and giving them confidence. Do not swing a "broody" along by the legs, head downwards; it is a poor preparation for sitting.

Place her on the prepared nest over a few crock eggs. This will allow of her making the nest to her own shape and liking. Do not touch her again until the following evening, when feed and water her well, and, if she seems to have settled down, whilst she is off place the real eggs in the nest.

Again grasp her firmly, and carry her to the side of the next box, let her look at the eggs for a few *seconds, then free her gently, and she will invariably* creep on to the eggs without further to do. Sometimes it is necessary to put a hen on to the eggs and shut her in, to let her settle down by herself; but these are not usually the most trust-worthy sitters. Avoid wild birds or birds with non-sitters' blood in them—H. A. R.

GIVE YOUR GROWING PULLETS CLEAN GROUND.

All breeders agree that clean ground is necessary to successfully raise good pullets. This means that the pullets and old birds should be apart. Simply Placing the range shelter several hundred feet away from the laying house is not enough.

Unless there is a good fence between them, the hens and pullets will wander far enough to get together, thus giving an opportunity for the spread of worms and other poultry troubles.

While the fence around this year's range is being built, plan also for future years. Plan to fence the older chickens off of the land that is to be used for growing chicks during the next two years, so that you will be assured of clean ground each spring.

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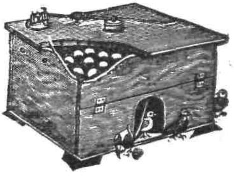

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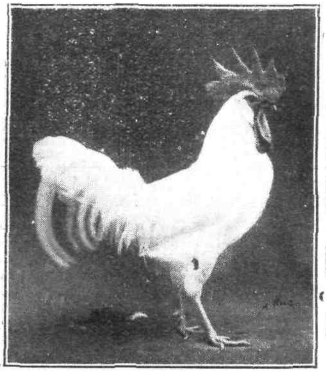
IGATPURI G. I. P.

12.

Fences can be secured that will turn all sizes of chickens from baby chicks to old hens, and this fencing of the young and old stock apart is one of the Best practices that can be followed in growing healthy pullets. The chicks must be reared on clean ground if they are to thrive.

Extract from the Allahabad Pioneer.

It appears to be my duty to warn readers of impending shocks. If therefore, any late-returning revellers should chance to find themselves confronted at a street corner with a red and green representation of the genus fowl, let them not make for the police station or the hospital but proceed quietly to bed. This amazing apparition is merely to announce Allahabad's newest Show, for poultry, to be held in Alfred Park next month, and also to display the energetic Honorary Secretary's idea of an effective poster.



THE SMALL AUTUMN EGG.

A Menace to British Producers—The cause and a Suggested Cure.

By Will Hooley F.Z.S., F.B.S.A.

Judging from the correspondence received, the size of eggs laid by pullets is becoming a very serious problem. It is all very well to say pullet eggs can be sold for a little less, but the fact remains that the egg buyer does not want too many second grades. In other words, there may be a market for a few, but there does not appear to be a market for the many.

Another factor is that the small egg takes the same amount of food, care and attention to produce it and gives a cash return of something like 25 per cent. to 33 1-3 per cent. less than that received for the standard egg. In these days of keen competition no poultry-keeper can view with any degree of satisfaction a reduction in his returns by these amounts.

Egg merchants are also becoming more and more insistent that they must have at least standard eggs in October. It is against them that when egg prices are dearer they should have to offer a smaller egg, and when they are cheaper to offer eggs which are half as heavy again.

The consequence is that people are asking how the matter can be dealt with.

THE HATCHING DATE.

Unfortunately new comers to the ranks or poultry-keepers do not know that live stock has its limitations. Within certain bounds a lot can be done, perhaps more than with most live stock, but there are points beyond which we cannot go.

First the cause of the small egg should be sought and it will not be the same in every case. One of the greatest causes of failure in the hatching date for if all else is in perfect order—heriditary and feeding—but the hatching date is wrong, the other factors are thrown away.

Now we are up against the first part of the puzzle—what is the right hatching date?

Take a selection from the query columns. Here is one who hatched in February and he complains of small eggs; there's another who hatched in April and the complaint again is small eggs; yet a further batch are March hatched and they are laying small eggs. So hatching date does not appear to provide the answer to the riddle. Perhaps not, but hatching date and breed may do so.

If heavy breeds, to name two well-known breeds, White Wyandottes and R. I. Reds, are hatched in February, there is just the danger that they may lay in late August or early September, and if they do much September laying their eggs will be small and they will be a long time arriving at a standard 2 oz. egg. If the same breeds are hatched in April, they may not lay before late October, and here again they will be a long time in getting into top grades.

The light breeds, such as Leghorns, if hatched in March, lay too early and produce small eggs, and possibly moult. Hatched in April they may do the same thing. The complaints are that pullets start to lay and lay small eggs—as all pullets do—but they *continue to lay them,* or they neck moult.

Another fact which worries poultry-keepers is that if a bird does lay at an early age, moults, and begins to lay again, she should be as good as a hen. She is, in theory, but not in egg size. The egg almost always remains on the comparatively small side.

It is a fact then that the hatching date has to be considered along with the breed, and heavy breeds must be given a longer time to mature than the lighter breeds, but even that is not the end of the story.

THE CRUX OF THE SITUATION.

The crux of the whole matter is the *rearing rate,* or rate of growth, and it is here where I think the solution to the difficulty lies. The chickens are reared on all sorts of freak rations without any thought of what effect they will have on their ultimate production

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Pure White Leghorn, Rs. **12/-** per doz. Cross-bred Black Orpington, Rs. **6/-** per doz. Sikim and Hill Fowl Eggs, Fowls of all sizes, ducks, geese and turkeys are always supplied at moderate rates by—

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No. 1 Cures Cholera and green Diarrhoea.

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Pills for Turkey chicks during their infancy to pull them through their infant ailments.

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IN

ALFRED PARK, ALLAHABAD.

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and Soldiers in uniform As. -/**4**/-

ENTRIES CLOSE 12TH JANUARY.

Schedules from tne

Hony. Secretary,

Capt. W. SHERRARD-SMITH, M.C.,

ALFRED PARK, ALLAHABAD.

We hear that abundance of dried milk will control coccidiosis (perhaps), but it also brings the chickens along at a very rapid rate and early maturity is fostered. Another pernicious system is one of a very light mash with high protein content, greatly favoured by certain people, which produces a bag of skin, bone and feathers, that lays a couple of eggs at an immature age and then moults with the exertion.

Let me here say that it is not possible to devise a mash that can be suitable alike every year, under *all conditions, and for all classes of birds.* The sooner the poultry-keeper recognises this fact, the easier will his task become.

(To be concluded in February).

LETTERS TO EDITOR.

ALFRED PARK,

Dated Allahabad, the 3rd December 1931.

Dear Sir,

You will be pleased to learn that I have not allowed the grass to grow under my feet.

The progress made with our Provincial Show is gowing apace in leaps and bounds.

I have raised the sum of Rs. 400 up to date. His excellency is presenting a Silver Cup and a pair of *blankets as a prize to a deserving poor villager.* I hope to be able to raise another Rs. 200 and expect the same amount from Nurul Islam who is doing his level best. Now say another Rs. 400 (the least) in entrance fee, gate money, etc. I am confident of a howling success.

The position I have selected for the show lends itself admirably for the purpose, and I can assure you that all arrangements will be "pakka bandobust," a qualification with which some kind reader in our local rag has dubbed me.

I am out to please all exhibitors all I can. In return I merely ask for full entries—I want no one to "stand out" in this show for any reason whatsoever.

Of course judging will be suitably arranged. I have in mind an excellent judge, who in addition will be a perfectly neutral one.

I expect my construction bill to be the very minimum, as I hope to receive all tentage free. I am doing everything to keep expenditure down and thus hope to be able to present a fine selection of prizes to the entire satisfaction of every exhibitor, winner or looser.

Once again I appeal to all club members, Gazette reader and all interested in the industry for A FULL HOUSE—nothing more—leave the rest to me.

Yours Sincerely

W. SHERRARD SMITH.

Sir,

"Cent percent success in Hatching."

I have been keeping poultry in my 'Pazhamuthir Solai' gardens for the past three years and never had I such a splendid success as the present one. I give below the full description of the way, which I tried to get a full hatch so that it may be more useful to the poultry keepers generally, and particularly to the beginners.

Eleven Rhode Island Red eggs, all within 5 days old, each weighing 2 ounces and above were taken and laid for hatch in a small oblong dealwood box ($2\frac{1}{2}' \times 1\frac{1}{2}' \times 1\frac{1}{2}'$.)

First of all, chaff (chopped straw) was spread in the bottom, then paddyhusk over it and then dung-ash was spread and above all "Rough on Lice" (a disinfectant powder) was sprinkled over it and then the eggs were set up. A good broody ordinary country hen was allowed to sit. She was let out only on alternate days,—since the weather being cold—, was allowed only 15 munites outside, when paddy and pure drinking water only were given. No wet mash was given. As per certain experts' opinion, *she did not return to the hatch of her own accord,* but was made to do so after the period prescribed above.

On the 21st day all the eleven eggs were hatched and thus "A CENT PERCENT SUCCESS."

Both the hen and chicken were free from any vermin

DALAVOY THEETHARAPPA MUDALIAR.

WEST PALACE,
Tinnevelly,
South India.

His word for it.

"Are you positive," demanded the little birds, "that these eggs are strictly fresh ?"

"Oh ! yes ma' am" assured the grocer "they were all hand picked from one of our large egg plants today".

"All right then I'll take two dozen."

Diner. "What sort of a pudding is this Miss ?"

Waitress. "We call it college pudding Sir."

Diner. "Well you should have expelled the egg you put in it !"

Teacher "Now, Tommy, which is the most useful animal or bird in the world ?"

Tommy : "Please, miss, the hen, because you can eat it before it's born and after it's dead !"

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t Pen ... Rs. 10/- per sitting
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For particulars apply to:—

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BREEDER'S CARD.

My recently imported LIGHT SUSSEX won at the All-India, January, 1931, Cup for best Sussex in show, also one special, three firsts and one second. Eggs Rs. 10/- per half dozen.

My pen of WHITE LEGHORNS is headed by a cock whose sire's dam laid 322 eggs in twelve months. Eggs Rs. 12/- per dozen.

K. D. GARRISON,
12 *Akola Berar, C. P.*

INDIA' BEST IMPORTED Leghorns.

The finest stock available in England and only landed this month.

Cockerel's dam and sire's dam laid 525/528 in 24 months.

This bird heads a pen of 10 hens with records of 270/288 in 12 months.

Eggs Rs. 18/- per doz. inclusive all charges.

February onward young stock will be available and booked in strict rotation.

Mrs. R. POWELL,
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"ARTHURSTON" Poultry Farm

Ormes Road, Kilpauk, Madras.

Breeder of Highest Pedigree Proflic Laying Exhibition & Utility Poultry.

White Leghorns:—*Barrons, Padmans* Holywood, & Tancred 300 Egg Strain.

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Eggs:—From General Pens Rs. 6/- dozen, Special Pens Rs. 12/-, Extra Special Rs. 20/-, Super Special Rs. 25/- dozen.

Infertiles (if any) replaced free.

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MISSION POULTRY FARM.

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IMPORTERS AND BREEDERS OF WHITE LEGHORNS, RHODE ISLAND REDS, BLACK MINORCAS, BARRED PLYMOUTH ROCKS and MAMMOTH BRONZE TURKEYS.

Eggs Rs. 12/- per dozen, Day old chicks and Breeding stock at reasonable prices.

Catalogue on request.

J. J. DEVALOIS,
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A £5 PRIZE.

Maintain the stamina and quality of "Sperrin" strains by keeping them pure. We offer each year a cockerel value £5 as special for best bird at All India show bred in India from our strains, with no outcrossing. If you cannot import, then enquire conditions and purchase eggs from those who have our imported stock. Geo. Howard.

Conditions under which special prize value £5 will be granted by Mr. Howard, Sperrin Poultry Farm, Langley, Hitchin.

(*a*) Cockerel value £5 to be given to exhibitor owning the bird judged to be the Best Bird exhibited at the All India Poultry Show and which has been bred in India from pure 'Sperrin" strains, *i.e.* where both sire and dam are pure Sperrin birds.

(*b*) Exhibitors to notify on their entry forms to the Show Secretary any bird that is eligible for this award.

(*c*) The cockerel will be sent out to India the following season in time for the following All India Show and must be entered for that show by the winner.

(*d*) Winner to name breed required, and need not necessarily be same breed as that of bird that won, provided breed required is one that is stocked by the "Sperrin" Poultry Farm.

(*e*) All expenses to Indian port will be paid by donor. Collection and onward charges from Port to be paid by winner.

(*f*) The value of cockerel (£5) is that of bird delivered at Indian port, and will be of similar grade to those exported with £10 and £12 trios.

PRACTICAL MONTHLY ADVICE TO POULTRY KEEPERS.

Chicken Rearing under Hen.

Having in previous notes dealt with the broody hen as a hatcher, we can pass on to the time when she is removed to a coop as the mother of a family.

Coop brooding with hens seems a slow and laborious business in these days to the large poultry farmer, yet to the small poultry-keeper it is a sound and safe proposition.

We would not recommend this method to breeders who rear by the hundred, since economy in labour is an important consideration, as proved by the development of the battery system of brooding.

But there are many small poultry-keepers, rearing two or three broods every year, to whom expensive brooding plant would be uneconomical, and to whom the sitting hen is a great convenience.

When the hen has brought off her brood it is necessary to have a suitable coop to which she can be removed with her family. This is a very simple contrivance, designed to provide dry and sheltered quarters for the hen and her charges.

The rearing coop must be weatherproof, providing protection from rain and cold winds; it should also have a dry floor, so as to keep the chicks off the cold ground, this floor being covered with dry, loose litter.

The coop should not be too large, though it should provide sufficient room for the hen and chicks to move about. A large coop is apt to be draughty, even when its back is turned to the wind.

A movable floor is desirable, to facilitate cleaning, and this should be covered with an inch of fine, dry litter, such as peat moss, chaff or other soft material. The litter or should be changed whenever it becomes wet.

Later in the spring, when the ground is dry, a coop may be set on short grass without a floor; but no risks should be taken in that way while the ground is wet and cold.

A conveniant size for a chicken coop is 2 ft. by 2 ft., and about 2 ft. high in front, sloping to 18 in. high at the back. This will provide ample space for a hen and twelve to fourteen chicks, but the hen will not be able to walk about and trample on the chicks.

A double-compartment coop is very useful in inclement weather and in exposed localities. This provides a compartment for the hen and another in which the chicks can exercise during the day.

Covered exercising quarters for the chickens can also be provided by means of a roofed run, which can also be protected on the windward side. This can be attached to the coop when required.

The double-compartment coop is specially useful for exposed localities, where there is no such convenience as an open-fronted shed, or even a high wall, in the shelter of which to place the rearing coops.

The double-compartment coop may be 4 ft. long over all and 2 ft. wide, providing two compartments, each measuring 2 ft. by 2 ft.

The length can be reduced to 3 ft., giving two compartments measuring 2 ft. by 1ft. 6 in., and this will be large enough for moderate-sized broods.

The movable floor of the coop should be made of 1 in. boards nailed upon two pieces of 1in. by 3 in. scantling; and the bottom should be tarred to preserve the wood and to keep the floor surface dry.

Nothing New.

"Do you know," said the clubman, drawing up his corpulent body with pride.

"I'm the inventor of the new airtight container for food ?"

"That's nothing new," replied a fellow member; "the hen invented that years ago."

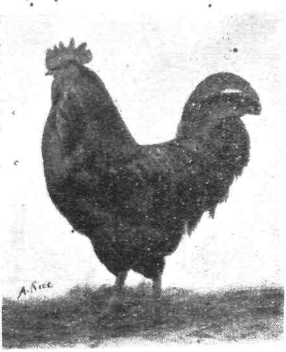
Run to Earth.

"Man is like a worm".

"How so ?"

"He crawls around till some chicken picks him up."

Canary Malta, Rs. 13, Turkeys Rs. 21 pair. Myna, male, Rs. 16. Cockatoo, Red Head, Rs. 65. Parrot, Rs. 50. Persian Cat, Rs. 55. Irish Terrier, Rs. 60 each, all paid with Cable. Fresh Bazar. Salt Provisions—5 seers Lemons, Rs. 3-8. Oranges, Rs. 6 all paid.
RICHARDSON & Co. Post Box 6707. Tel. "Destiny" Calcutta



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Mrs. Grain has imported a further pen of this wonderful dual purpose fowl SEE THEM AT THE SHOW and judge for yourselves.

EGGS FOR HATCHING.

No. 1 pen per setting Rs. 25.—Headed by imported cockerel of magnificent type bred from 267 egg dams, mated to 2 imported pullets of 251 egg dams, and 6 of my last year hens specially selected for heavy egg production.

No. 2 pen per setting Rs. 15.—*Headed by imported cock, 1st Lucknow* 1930, fully acclimatised, proved sire of winners, his son was placed 1st in class Calcutta 1931, mated to 8 selected pullets sired by cockerel placed 2 in class at Calcutta January 1931.

No. 3 pen per setting Rs. 15.—Headed by cock placed 2 in class at Calcutta January 1931, mated to 8 specially selected pullets sired by imported cock now heading No. 2 pen.

WHITE LEGHORNS.

No. 1 pen per setting Rs. 15.—Headed by imported cock of 280 egg strain mated to 10 hens of good utility type and layers of large eggs.

No. 2 pen per setting Rs. 15.—Headed by cockerel whose dam laid 525 egg in 24 months mated to 8 hens of good utility type and heavy layers of large eggs.

No. 3 pen per setting Rs. 15.—Headed by cock of Exhibition strain (Slaters) mated to 10 good type utility pullets.

15 eggs sent with each setting in full satisfaction.

MRS. R. GRAIN.

107, BUNGALOW, - - - - KANCHRAPARA E. B. Ry.

A NEW YEAR RESOLUTION.

BUY ONLY THE BEST POULTRY FOR YOUR YARD.

We have just imported a breeding pen of

TOM BARRON'S WHITE LEGHORNS

"THE FINEST STRAIN IN THE WORLD".

Whose records are given below :—

Ring No. of Bird.	Hatched.	Commenced laying.	Record in year.	Record of dam.	Record of sire's dam.
256	1930	September 30	266	252	295
260	,,	,, 30	259	252	295
265	,,	,, 30	260	248	282
338	,,	,, 30	253	248	282
539	,,	October 30	265	262	245
41	,,	September 30	278	252	295
Cock No. 504	1931	......	......	275	297

Price Rs. 30/- per setting.

Also a pen of White Leghorns headed by an imported cock.

Price Rs. 20/- per setting.

Black Minorcas, (Etah Strain). Prolific layers of large eggs.

Price Rs. 15/- per setting.

Fifteen eggs sent to the sitting in full satisfaction.

Packing and freight free.

BATEMAN'S POULTRY FARM, SIMLA, S. W.

? ? ?

Questions under this heading are answered free of charge on this page.

Letters should be addressed—BUFF ROCK,
C/o. The Hon. Editor, I. P. GAZETTE and marked "Query".

Where readers desire an individual reply they should enclose a stamped addressed envelope and a fee of As. -/8/- is charged.

Mr. P. Lucknow. The result from birds hatched from 1¼ oz. eggs will be smaller birds and of course smaller eggs from that generation. I should certainly advice you not to hatch anything under 2 ozs. as you are advised in Poultry Farming in the East. Why not go to the U. P. farm at Lucknow and see what they do in the way or breeding?

Mr. G. Calcutta. A bird with the defect you refer to would lose according to the British standards 10 points for 'want of condition' and I do not think a bird would gain a 1st at Home but why not ask the judge for his reasons? He will no doubt be only too pleased to put you right.

In the case of the Australorp there must be a mistake somewhere.

Mr. H. Fatheh Dawaza. In answering your first question it is not clear if the birds are related or not though hatched together. Was the same male the father of both pullets and cockerels? If so I do not advise remating brother to sister and you should obtain a fecund male from an out strain if you desire to breed from the pullets. 2. There is no remedy other than age to increase egg size now. Colour might be improved by adding Linseed to the mash and also putting about 1 teaspoonful of Olive Oil per bird to the mash.

Mr. B. Moradabad. 1. The ground you advise as being available will take as many as 400 birds with ease. 2. Either Rhode Islands or Australorps. 3. Leghorns or Minorcas. 4. If you intend to run as much stock as you can on the land available it will be a full time employment for one man.

Mrs. T. Jaipur. There is no harm in breeding from these pullets—they are really hens now—and I should suggest obtaining a male about 10 to 12 months *old to mate to them. I should not over mate and* 8 pullets would be about the correct number. Keep to the large egg and do not sit anything less than 2 ozs. and I am sure your next generation will be satisfactory.

Mr. L. Aligarh. The blood spots in the eggs are the result of the rupture of a small blood vessel in the ovary. This can be due to either forced laying, a fright or from laying abnormal eggs.

The suggested cure is to lower the rations of the affected bird and seed only on good hard grain for a few days untill she goes out of lay and then to bring her back to normal again slowly taking care she does not get any forcing food to start the trouble over again.

Mr. P. Calcutta. The nature of the droppings suggest outliver. Do your birds get plenty of range and plenty of green food? If not you should take immediate steps to provide this. First thing in the morning add a teaspoonful of epsom salts to one pint of water and when all the fowls have had a good drink remove it and replace with fresh water. Do not feed with *too rich foods.*

Mr. H. Tundhla. The first feed should be of Morton's ground oatmeal which should be given about 6 times a day for the first 5 days and after that as the birds get strong and able to run about a lot the addition of a little very small cracked wheat will be beneficial. I personally do not hold with the hard boiled egg feed as I have found it starts indigestion and all sorts of bowl complaints. After 5 to 7 days a very little finely chopped raw beaf will do the chicks a lot of good. Drinking water to be in front of them at all times.

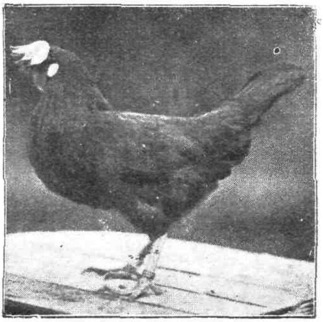
Mrs. W. Allahabad. Your questions are far too complicated for me to answer in this page and I would suggest you purchase "The Inheritance of Fecundity in Fowls" which is obtainable through the Gazette as this will give you the whole thing in simple language. Your questions are dealt with on page 56 if you are already in possession of a copy.

Mr. E. Burdwan. In the type of machine you are using the moisture device is incorporated in the lamp assembly and by means of a wick the water from a special tin is take up into the machine. Well look at that wick and see if it is not crusted through being used in water with lime or some other like substance in it. If so boil it in soda water to take this out and then replace. If added moisture is still needed you could place a shallow pan in the nursery filling it as you find it dries up. Damping the eggs is not satisfactory.

Postal replies sent to Messrs. Simmons, Sparkes, A. H. Khan, Danter, James and Mrs. Greene.

MINORCAS
EGGS AVAILABLE
FROM
CHAMPION STRAIN

Rs. 12/- for 8 Eggs.



WINNER of OVER 24 CHALLENGE CUPS

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Advertisements are accepted under these columns at annas four per line, minimum charge Re. 1, for each additional line annas four extra. No additional charge is made for a box number.

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FOR SALE. 5 dozen new laid eggs weekly. All over 2 ozs and guaranteed fresh. Vicinity Calcutta. Box No. 7 Gazette.

FOR SALE. Surplus White Indian Runners. 6 months. Lucknow Farm strain Rs. 10/- each. B-J. Box No. 17 Gazette office

FOR SALE. Sittings of Leghorn cross eggs hatch healthy chicks and fine layers of eggs Rs. 5/- per dozen. Apply Box 30. Indian Poultry Gazettee.

FOR SALE. Australorp Cockerels 11 months old all vigorous and will make good breeding birds. Prize winning stock Rs. 20/- each. Box 27 Indian Poultry Gazette.

FOR SALE. "A firm in Holland dealing in poultry food and seeds solicits enquiries for ant's eggs from new crop. Large stock at moderate prices C.I.F. Calcutta. Enquiries may be sent to Messrs. Corn van Beusekom, Arnhem. Holland.

"FOR SALE. Tamlin 40 egg incumbator in excellent condition. Rs. 100/- F. Simmons, Kulladakurichi. P. O. Tinnevelly District."

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Wanted.

WANTED. Buyers and sellers of Dogs, birds, & animals. Richardson & Co. Members I.P.C. 10, Chowringhee, Calcutta.

WANTED. Nine Pure Chittagong Pullets, white or buff, in lay or about to lay. Must be typical shape and size and above all healthy. Box 19.

WANTED. A poultry farmer who can undertake to supply 20 dozen eggs per day weight-to be minimum 1, 7/8 ozs. Price Rs. 1/8/- per doz. Box 29.

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WANTED. An advertisement canvasser in Calcutta to canvas dealers in poultry appliances, food-stuffs, agricultural impliments, etc. Small salary and liberal commission to the right man. Box No. 15 Gazette.

Situations Wanted.

The services of a trained Indian Poultry expert are available as poultry manager on a large farm. Diploma of the N. P. I. (U. S. A.) and posesses excellent credentials. Apply Kalifa Hafeez-ud-Din. Haveli Pathranwali. Mochi Gate, Lahore.